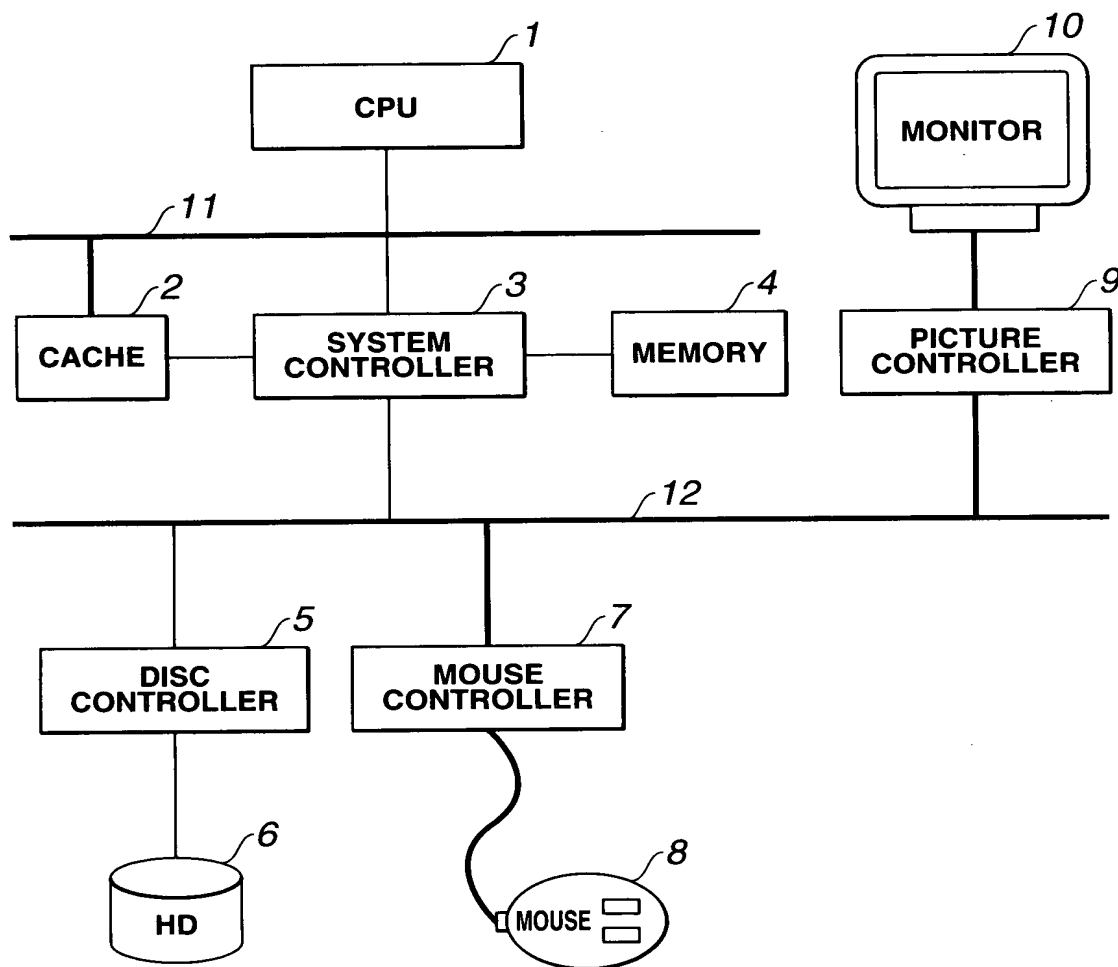
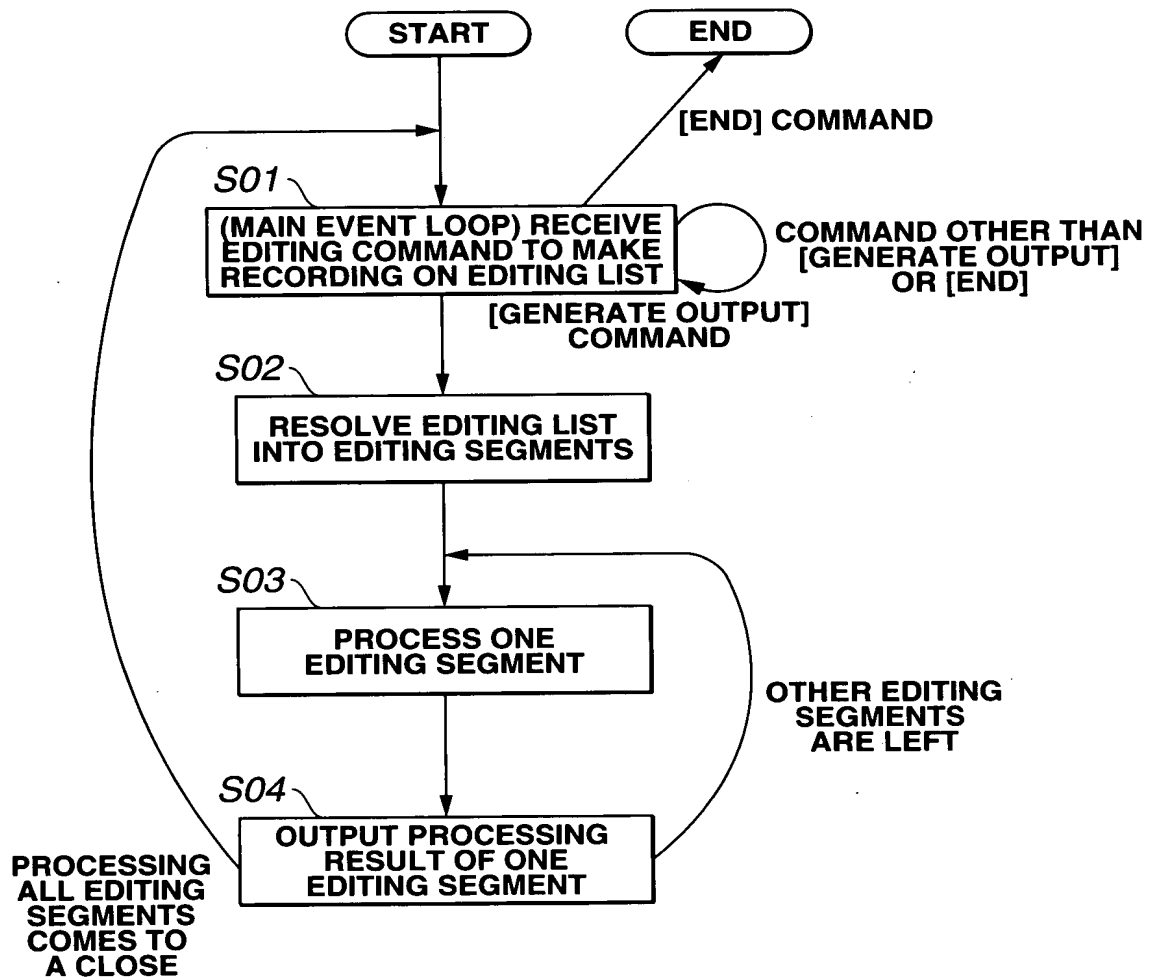


**Inventor(s):** Curtis EUBANKS  
**Invention:** Method and Apparatus ... Medium  
**Serial No.:** 09/661,878

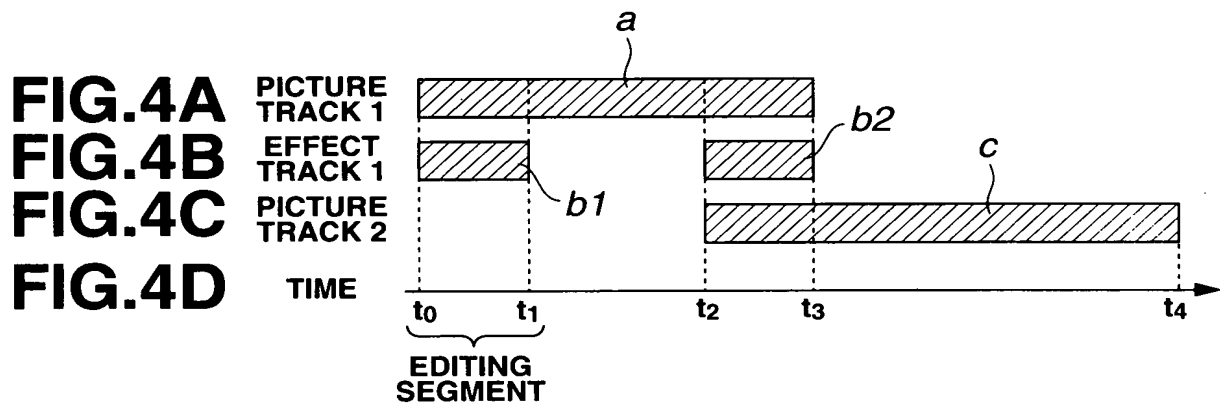


**FIG.1**



**FIG.2**





**FIG.5A**

EDITING SEGMENTS 1	
START	$t_0$
PERIOD	$t_1 \sim t_0$
VIDEO 1	a
VIDEO 2	$\emptyset$
EFFECT	b1

**FIG.5B**

EDITING SEGMENTS 2	
START	$t_1$
PERIOD	$t_2 \sim t_1$
VIDEO 1	a
VIDEO 2	$\emptyset$
EFFECT	$\emptyset$

**FIG.5C**

EDITING SEGMENTS 3	
START	$t_2$
PERIOD	$t_3 \sim t_2$
VIDEO 1	a
VIDEO 2	c
EFFECT	b2

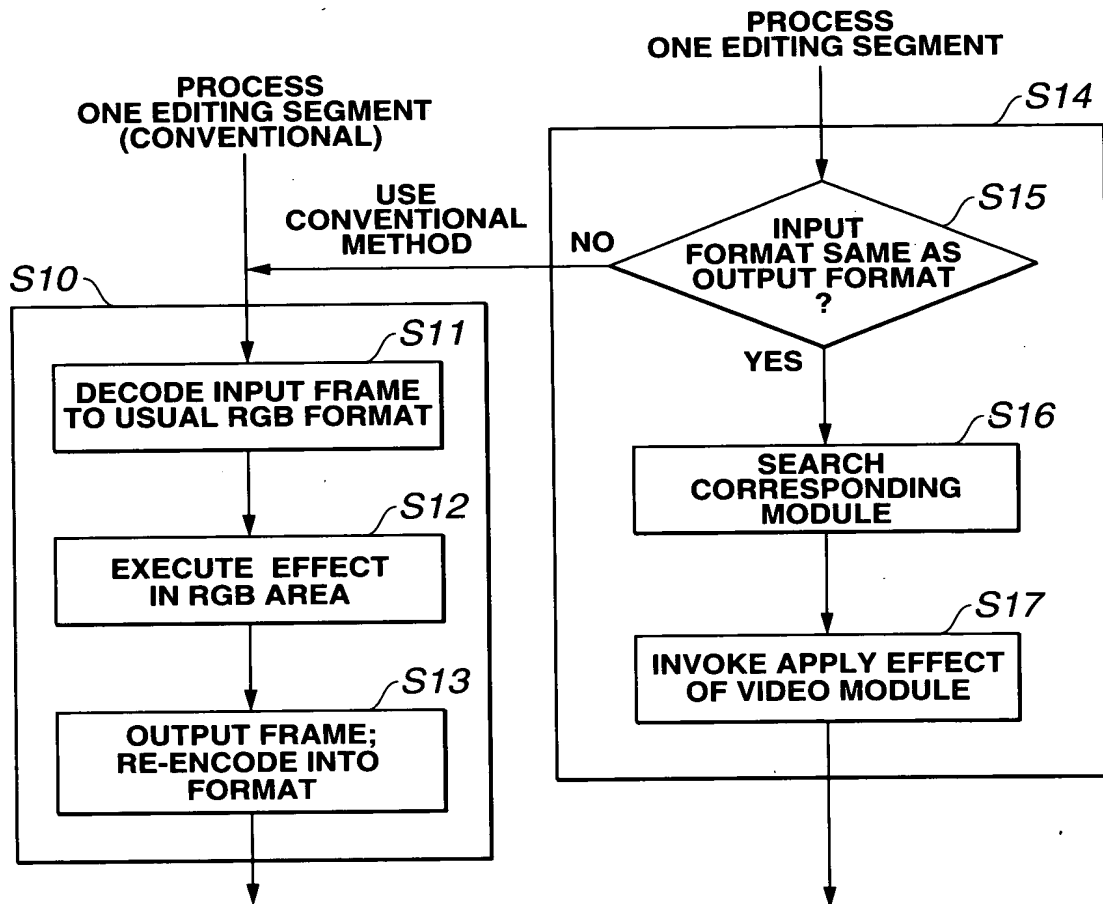
**FIG.5D**

EDITING SEGMENTS 4	
START	$t_3$
PERIOD	$t_4 \sim t_3$
VIDEO 1	$\emptyset$
VIDEO 2	c
EFFECT	$\emptyset$

**Inventor(s):** Curtis EUBANKS

**Invention:** Method and Apparatus ... Medium

**Serial No.:** 09/661,878

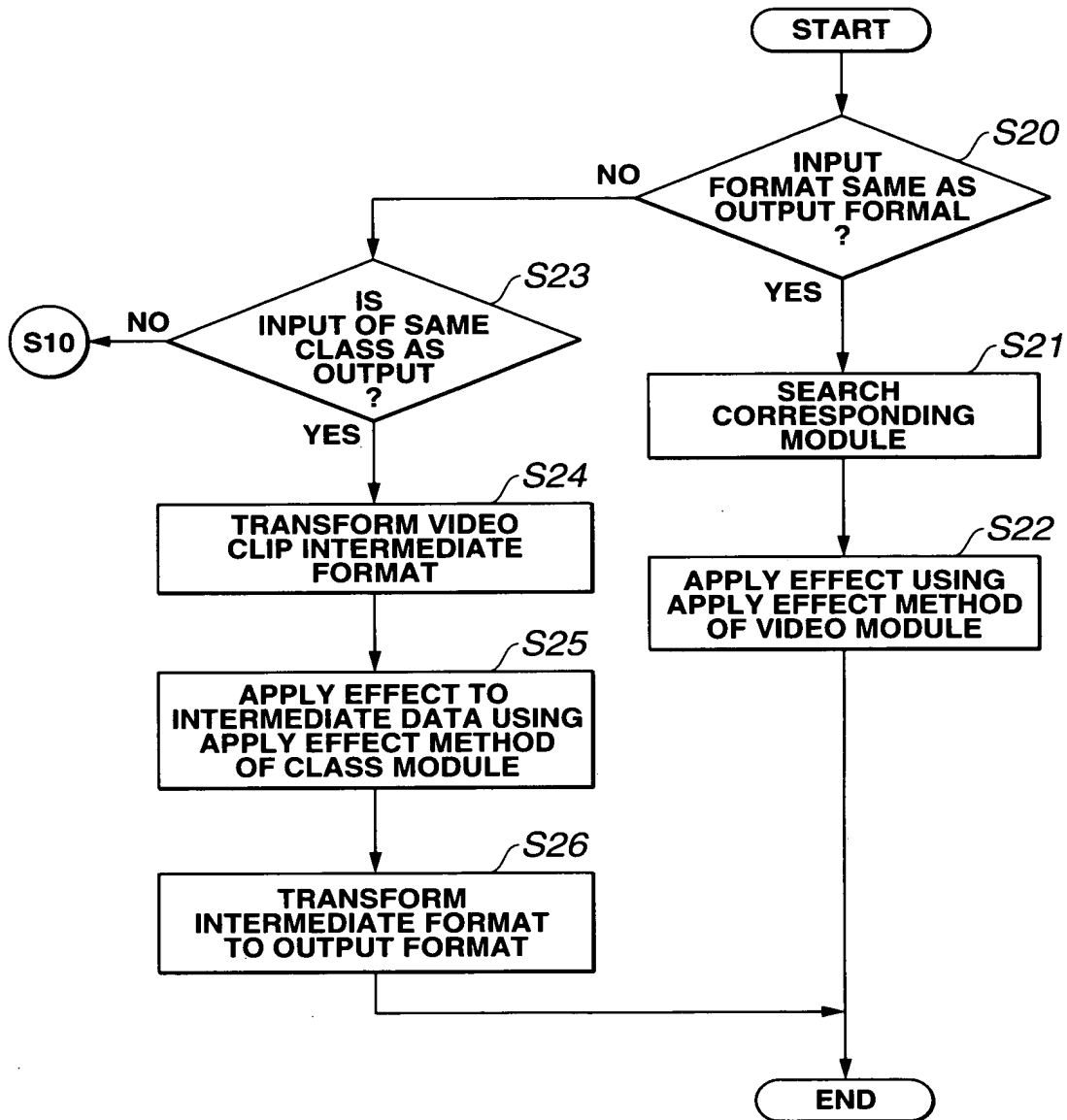


**FIG.6**

**Inventor(s):** Curtis EUBANKS  
**Invention:** Method and Apparatus ... Medium  
**Serial No.:** 09/661,878

```
class VideoModel {  
    int format; /* STANDARD FORMAT IDENTIFIER */  
    int class; /* STANDARD CLASS IDENTIFIER */  
  
    // DECODE FRAME INTO RGB  
    char *ConvertToBaseband(AVSource *pSource, int frame);  
  
    // DECODE FRAME TO FORMAT (TO E.G. DCT LEVEL)  
    void *ConvertToClass(AVSource* pSource);  
  
    // TRANSFORM FROM FORMAT CLASS(E.G. DCT) TO THIS FORMAT  
    void *ConvertFromClass(Void* pClassData);  
  
    // APPLY TRANSITION EFFECT USING SPECIFIED KNOWLEDGE OF THIS FORMAT  
    int ApplyEffect(AVSource *pInputA, AVSource *pInputB,  
                   AVSource *pOutputC, Effect *pEffect);  
};
```

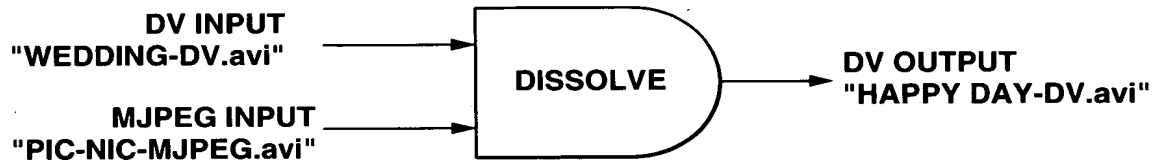
**FIG.7**



**FIG.8**



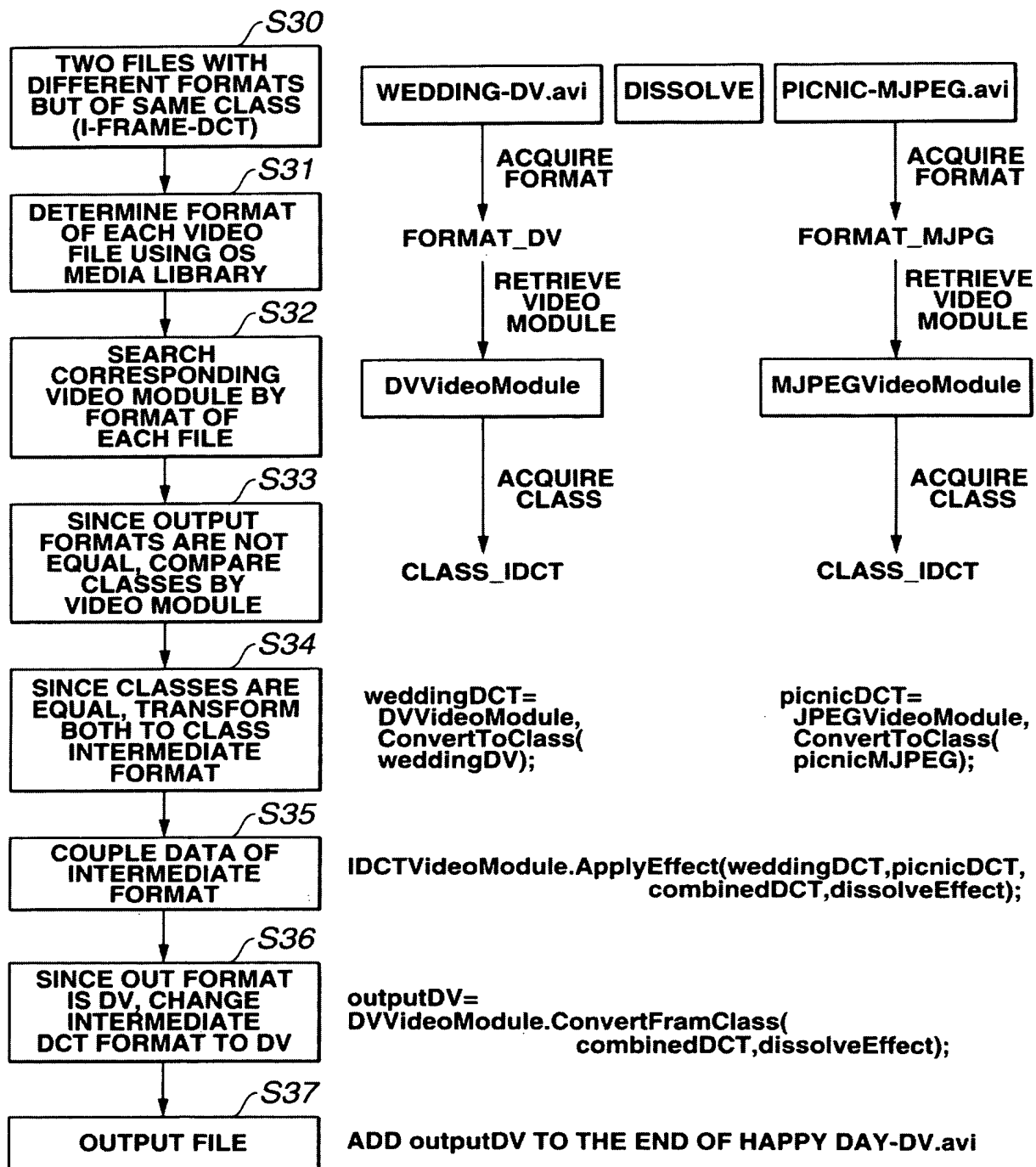
**Inventor(s):** Curtis EUBANKS  
**Invention:** Method and Apparatus ... Medium  
**Serial No.:** 09/661,878



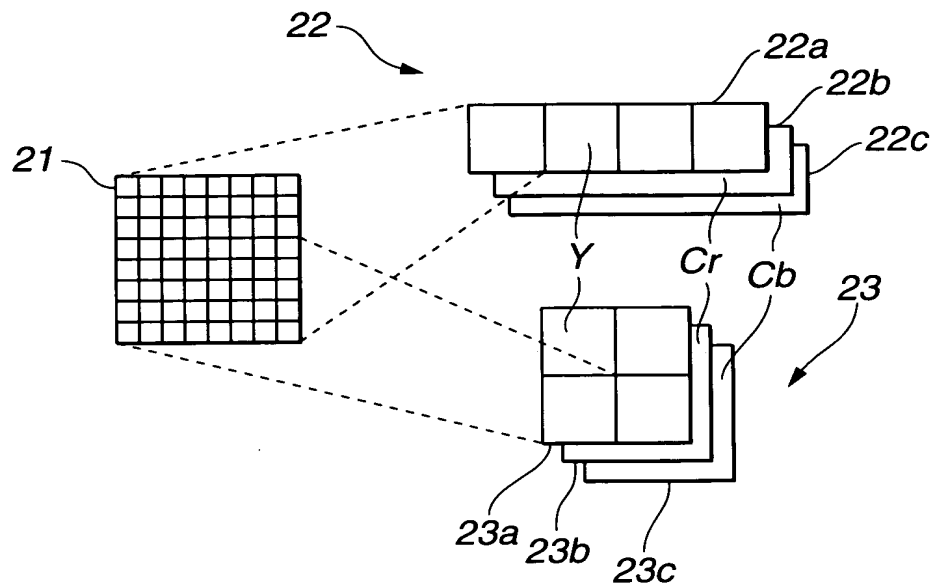
**FIG.9**

```
#define FourCC(a,b,c,d)    ((a<<24) | (b<<16) | (c<<8) | (d))  
  
#define FORMAT/DV        FourCC('D','V','C','S')  
#define FORMAT_MJPG      FourCC('M','J','P','G')  
  
#define CLASS_IDCT       FourCC('I','D','C','T')
```

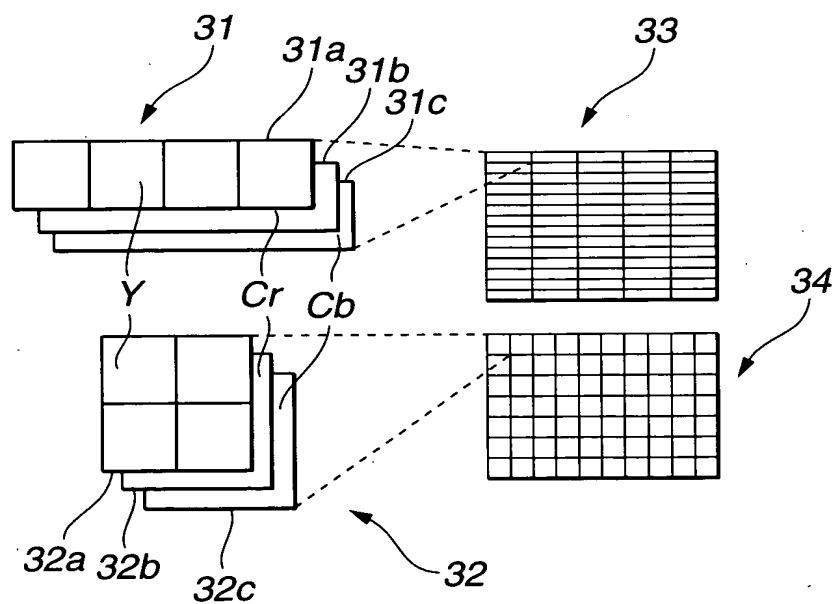
**FIG.10**



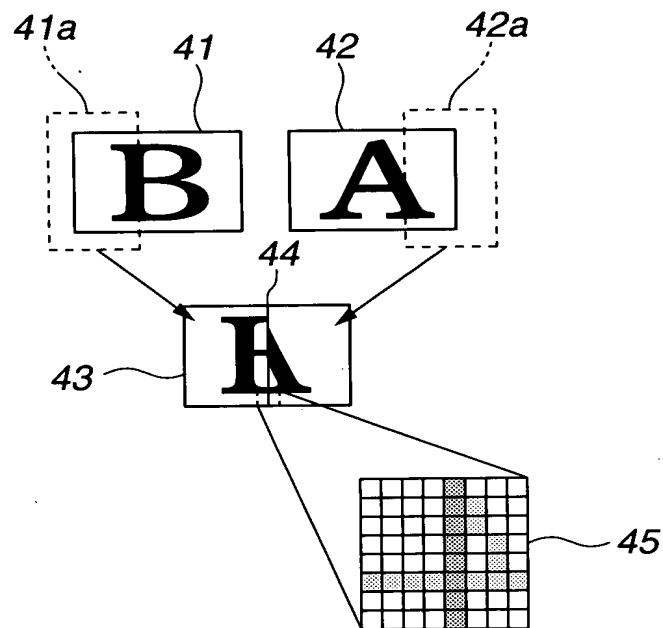
**FIG.11**



**FIG.12**



**FIG.13**



**FIG.14**